

YPS Computing	Autumn	Spring	Summer			
<b>R</b>	Chn explore Blue-Bots and Remote controlled cars, Ipads- use cameras and finger control on apps, Technology in the environment phones, keyboards, CD player, mircophones, Use the interactive whiteboard					
ONGOING: Internet Safety						
<b>Yr 1</b>	<b>Multimedia</b>	<b>Multimedia</b>	<b>Technology in our Lives</b>	<b>Technology in our Lives</b>	<b>Multimedia/Handling Data</b>	<b>Coding</b>
	Draw images on a paint program	Draw images on a paint program- linking to Chanukah	Listen to audio stories, use a microphone and record sound effects. Retell stories linked to English using mircophones Spring 2- research using safe search engine		Sorting images into two sets- using JLE	Follow instructions and be introduced to an algorithm using Blue-Bots
ONGOING: Internet Safety						
<b>Yr 2</b>	<b>Technology in our Lives</b>	<b>Coding</b>	<b>Multimedia</b>	<b>Coding</b>	<b>Technology in our Lives</b>	<b>Data Handling</b>
	Explain why we use Technology in the classroom Technology hunt around school To use safe search engines to research	Using Blue- Bots to create algorithms and begin simple de-bugging linked to topic, Florence Nightingale	Researching using safe search engine  Creating a presentation to present information	Using Scratch: creating, testing and debugging algorithms.	Learning how to send emails and the importance of how to communicate safely online.	Experimentng with a range of drawing tools. Showing information we have collected on a pictogram.
ONGOING: Internet Safety						
<b>Yr 3</b>	<b>Coding</b>	<b>Multimedia</b>	<b>Coding</b>	<b>Multimedia</b>	<b>Technology in our Lives</b>	<b>Data Handling</b>
	Programming a sequence of commands to achieve specific goals and then testing the programme.	Creating a video through each stage of the process – story boarding, creating, editing and evaluating.	Modifying a programme to achive specific goals and outcomes. Adapting algorithms through predication and logical reasoning.	Creating a powerpoint using information and images found online.	Recognising and responding to unplesant online communication in a safe and positive way.	Creating surveys linked to the local area.
ONGOING: Internet Safety						
<b>Yr 4</b>	<b>Technology in our Lives</b>	<b>Multimedia</b>	<b>Coding</b>	<b>Technology in our Lives</b>	<b>Coding</b>	<b>Data Handling</b>
	Creating a Wiki page involving hyperlinks to other resources.	Creating a Power Point showing an awareness of the audience and evaluating the effectiveness of the work created.	Working together as part of a team to plan online projects using Lego Wedo set (cheer leading unit)	Explore the use of resources both through the school network and own devices and how these should be used to be a respectful digital citizen.	Plan, create, edit and modify a programme by using sequencing and repetition to debug commands.	Using data loggers recording weather.
ONGOING: Internet Safety						
<b>Yr 5</b>	<b>Multimedia</b>	<b>Coding</b>	<b>Multimedia</b>	<b>Coding</b>	<b>Technology in our Lives/Data Handling</b>	<b>Multimedia</b>
	Using Stop-Motion to plan, create and present a life-cycle linked to Science	Creating more complex programmes leading to a variety of outcomes and solving problems.	Creating a website by researching different parts of the internet in a safe way.	Decomposing problems into smaller parts and using this to create specific goals and outputs.	To use composition using photography Writing a blog and collecting data	Creating tessellation patterns.
ONGOING: Internet Safety						
<b>Yr 6</b>	<b>Coding</b>	<b>Multimedia</b>	<b>Multimedia</b>	<b>Data Handling</b>	<b>Coding</b>	<b>Technology in our Lives</b>
	Evaluating the effectiveness of a programme and adapting this using functions and variables.	Use a range of sources online to create a project using a variety of digital devices.	Use a range of sources online to check the validity of facts and how these are displayed.	Creating spreadsheets To apply formulas to spreadsheets	Develop simulations of simple physical systems on screen using a variety of loops, variables and devices.	Create a website using a web design package. Create a brochure linked to the end of Year production
ONGOING: Internet Safety						